At page 20, line 2, please replace "Ultipor" with -- ULTIPOR --.

At page 20, line 4, please replace "Centramate" with -- CENTRAMATE --.

At page 20, line 19, please replace "Millipak" with -- MILLIPAK --.

At page 24, line 5, please replace "Sartorpure" with -- SARTOPURE --.

At page 24, line 5, please replace "Ultipor" with -- ULTIPOR --.

At page 24, line 9, please replace "Fractogel" with -- FRACTOGEL --.

IN THE CLAIMS:

Please amend claims 1 and 18 as follows:

1. (Twice amended). A method for purifying plasmid DNA suitable for pharmaceutical use from bacterial cells on a large scale, the method comprising the following steps:

a) contacting [the]bacterial cells which together comprise at least about 100 milligrams of the plasmid DNA with a lysis solution, thereby forming a lysis mixture;

b) flowing the lysis mixture through a first static mixer to obtain a lysed cell solution;

c) contacting the lysed cell solution with a precipitation solution;

d) flowing the lysed cell solution and the precipitation solution through a second static mixer, thereby forming a precipitation mixture;

e) centrifuging the precipitation mixture, thereby forming a pellet and a clarified solution comprising the plasmid DNA; and

f) neutralizing either the precipitation mixture prior to the centrifugation of step (e) or the clarified solution following the centrifugation of step (e);

g) contacting the clarified solution with a positively charged ion exchange chromatography resin, wherein the plasmid DNA is eluted from the ion exchange chromatography resin with a saline step or continuous gradient; thereby [forming a purified plasmid DNA solution]producing a solution of plasmid DNA of sufficient purity and quantity for pharmaceutical use, wherein the solution comprises at least about 100 mg of the plasmid DNA.